United States Marine Corps Reserve

Equipment Management Brief
June 2003

Presented to the Assistant Secretary of Defense (Reserve Affairs)

(LtCol James D. Barich/Maj Troy Landry/June 03)

OUTLINE

- Top Five Modernization Issues
- P-1R Execution Update for FY 01-03
- Congressional Adds to Service Accounts FY01-03
- NGREA Execution Update for FY 01-03
- Short and Long term RC maintenance challenges
- Equipment withdrawn from the Reserve component
- Summary

COMPONENT TOP FIVE MODERNIZATION ISSUES

EQUIPMENT ITEM	TOTAL REQ.	FUNDED	QUANTITIES UNFUNDED	ITEM COST	TOTAL COST UNFUNDED
F/A-18A ECP-583 UPGRADE	36	36	0	$4.2M	0.0M
CH-53E HELICOPTER NIGHT VISION SYSTEM "B" KITS	21	21	0	0.605M	0.0M
KC-130 T AVIONICS MODERNIZATION PROGRAM (AMP)	28	19	9	5.865M	52.785M
FAMILY OF CONTAINERS **Quadcons** **Palcons**	 5,516 14,562	 2,801 7,891	 2,715 6,671	 0.0022M 0.000578M	 5.973M 3.856M
KC-130T ELECTRONIC FLIGHT INSTRUMENTS (EFI)	14	0	14	0.05M	0.7M
TOTAL UNFUNDED REQUIREMENTS					63.314M_____

F/A-18A ECP-583 UPGRADE MODERNIZATION ISSUE #1

- Total Force Initiative
- Upgrade “A” to “C” Capability: enhance precision strike capability
- **Marine Corps Reserve has 36 upgrades fully funded in FYDP**

$(M)	PRIOR YEARS	FY02	FY03	FY04	FY05	FY06	FY07	FY08	FY09	FYDP/TOTAL 02-09
PRESBUD (APN)	55.2	34.4	28.4	27.0	20.0	47.5	42.0	15.1	9.3	223.7
APPROPRIATED ®	55.1	11.7	11.8							23.5
NGREA	51.4	0.0	0.0							0.0
CONG ADD ®	34.5	12.0	8.8							20.8
FUNDED	153.1	23.7	20.5							44.2
DELTA (Reserve)	0.0	0.0	0.0							0.0
QTY	**PROCURED**	**FY02**	**FY03**	**FY04**	**FY05**	**FY06**	**FY07**	**FY08**	**FY09**	**TOTAL FUNDED/AAO**
RESERVE, ECP	23	3	2	6	2	0	0	0	0	36/36

CH-53E HELICOPTER NIGHT VISION SYSTEM (HNVS) B KITS MODERNIZATION ISSUE #2

- Enhance capability to navigate and operate at night and reduced visibility
- 3rd generation Forward Looking Infrared (FLIR) system
- **21 HNVS B Kits are fully funded in the FYDP**

$(M)	PRIOR YEAR	FY02	FY03	FY04	FY05	FY06	FY07	FY08	FY09	FYDP/TOTAL 02-09
PRESBUD (APN)	3.5	0.0	6.0	5.6	7.3	5.7	7.9	16.0	16.3	64.8
APPROPRIATED	3.5	0.0	0.0							0.0
NGREA	1.8	1.8	0.0							1.8
CONG ADD	1.8	0.0	0.0							0.0
FUNDED	7.1	1.8	0.0							1.8
DELTA	0.0	0.0	0.0							0.0
QTY	**PROCURED**	**FY02**	**FY03**	**FY04**	**FY05**	**FY06**	**FY07**	**FY08**	**FY09**	**TOTAL FUNDED/AAO**
RESERVE B KITS	10	3	0	0	0	2	2	2	2	21/21

KC-130T AVIONICS MODERNIZATION PROGRAM
MODERNIZATION ISSUE #3

- **AMP:** An integrated approach capitalizing on USAF AMP investment, which addresses Avionics obsolescence and provides commonality with over 500 USAF aircraft. AMP reduces escalating support cost of aging avionics and modernizes avionics to meet FAA & ICAO CNS/ATM mandates.

$(M)	PRIOR YEAR	FY02	FY03	FY04	FY05	FY06	FY07	FY08	FY09	FYDP/TOTAL 02-09
PRESBUD (APN)	0.0	0.0	0.0	2.4*	11.0	21.1	33.2	28.6	29.6	123.50
APPROPRIATED	0.0	0.0	0.0							0.00
NGREA	0.0	0.0	0.0							0.00
CONG ADD	0.0	0.0	0.0							0.00
FUNDED	0.0	0.0	0.0							0.00
DELTA	0.0	0.0	0.0							0.00
QTY	**PROCUREMENT**	**FY02**	**FY03**	**FY04**	**FY05**	**FY06**	**FY07**	**FY08**	**FY09**	**TOTAL FUNDED/AAO**
RESERVE	0	0	0.0	0	2	3	5	4	5	19/28

***Note: One time non-recurring engineer cost**

CONTAINER FAMILY MODERNIZATION ISSUE #4

- Quadruple and Pallet Containers for embarking and providing additional storage spaces outside the warehouse

$(M)	PRIOR YEAR	FY02	FY03	FY04	FY05	FY06	FY07	FY08	FY09	FYDP/TOTAL 02-09
PRESBUD	2.12	0.57	0.70	0.52	0.53	0.55	0.56	0.57	0.58	4.58
APPROPRIATED	2.12	0.57	0.70							1.27
NGREA	0.54	1.76	1.29							3.05
CONG ADD	0.00	0.00	0.00							0.00
FUNDED	2.66	2.90	2.69							5.59
DELTA	0.00			2.00	2.00	2.00	2.00	2.00		10.00

QTY	PROCUREMENT (FY95-FY02)	FY03	FY04	FY05	FY06	FY07	FY08	FY09	TOTAL FUNDED/AAO
RESERVE QUADCON	2014	324	86	81	71	73	75	77	2801/5516
RESERVE PALCONS	5721	1162	188	178	156	159	162	165	7891/14562

KC-130T ELECTRONIC FLIGHT INSTRUMENT (EFI) MODERNIZATION ISSUE #5

- **Flat panel screen 4 per cockpit .**
- **All testing complete and approved for use.**
- **These are flight critical instruments that are replacing older non supportable units.**

$(M)	PRIOR YEAR	FY02	FY03	FY04	FY05	FY06	FY07	FY08	FY09	FYDP/TOTAL 02-09
PRESBUD (APN)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
APPROPRIATED	0.0	0.0	0.0							0.0
NGREA	0.0	0.0	0.0							0.0
CONG ADD	0.0	0.0	0.0							0.0
FUNDED	0.0	0.0	0.0							0.0
DELTA	0.0	0.0	0.0	0.7						0.7
QTY	**PROCUREMENT**	**FY02**	**FY03**	**FY04**	**FY05**	**FY06**	**FY07**	**FY08**	**FY09**	**TOTAL FUNDED/AAO**
RESERVE	0	0	0	14	0	0	0	0	0	0/14

EXECUTION OF SELECTED SYSTEMS IN FY 2001 P-1R

AUTHORIZED: ***$42.70M***

ADJUSTMENTS: ***+ $5.41 M***

NEW TOTAL: ***$48.11M***

OBLIGATED: ***100%***

Item	2001 PB P-1R Funding	Quantity	2003 PB P-1R Actual Funding	Actual Quantity Procured	Actual Quantity Delivered	Remarks
HMMWVA2	12.7	154	12.58	154	154	
AAV7A1	1.97	3	5.80	8	8	
AFATDS	0.53	7	4.34	62	62	
MOTOR TRANSPORT MOD	1.64	103	2.67	168	168	
TACTICAL FUEL SYSTEM	1.44	4	1.43	4	4	
IRV	4.00	3	7.40	9	9	AAO reduction allowed reserve FY01 (Qty 9) buyout.
AVDVE	1.89	117	4.41	256	153	Fielding Halted in FY02. Resumed Jan03.

EXECUTION OF SELECTED SYSTEMS IN FY 2002 P-1R

AUTHORIZED: ***$48.3M***

ADJUSTMENTS: ***- $8.03M***

NEW TOTAL: ***$40.27M***

OBLIGATED: ***96.92%***

Item	2002 PB P-1R Funding	Quantity	2004 PB P-1R Actual Funding	Actual Quantity Procured	Actual Quantity Delivered	Remarks
AAV7A1 RAM/RS	11.09	15	10.92	15	15	
CVTS	4.56	4	4.51	4	0	Projected delivery 4th quarter FY03 qty 4.
MTVR	0.00	0	4.52	30	20	Projected delivery 3rd quarter FY03 qty 10.
DIGITAL WB TRANSMISSION	1.61	57	1.59	57	0	
CONSTRUCTION EQUIPMENT	1.47	11	1.45	11	0	
CONTAINER FAMILY	0.59	500	0.58	550	0	

EXECUTION OF SELECTED SYSTEMS IN FY 2003 P-1R

AUTHORIZED: ***$202.4M***

ADJUSTMENTS: ***- $4.5M***

NEW TOTAL: ***$197.9M***

Item	2003 PB P-1R Funding	Quantity	2004 PB P-1R Actual Funding	Actual Quantity Procured	Actual Quantity Delivered	Remarks
MTVR	153.90	908	150.29	908	29	
LW 155	9.21	5	9.04	5	0	
HIMARS	7.87	2	7.71	2	0	
LAV PIP	6.88	133	6.80	133	34	
CVTS	4.06	3	3.97	3	0	Projected delivery Nov FY04
FAMILY OF CON EQUIP	3.20	25	3.18	25	0	
RDK	1.70	5	1.65	5	0	
FORWARD RESUS SURGERY SY	0.82	2	0.80	2	2	

CONGRESSIONAL ADDS FOR RESERVE COMPONENTS
FY 2001

Item	Funding	Quantity	Obligation Rate	Delivered	Remarks
F/A 18A (ECP583) (APN)	$23.0M	4	100%	4	
CH-53E HVNS B KITS (APN)	$1.8M	3	100%	3	HNVS: Helicopter Night Vision System
AH-1W NTS (APN)	$4.0M	4	100%	4	NTS: Night Targeting System
ATFLIR (APN)	$7.0M	2	100%	2	F/A-18A Advanced Targeting Forward Looking Infrared
CEUCE (PMC)	$2.0M	Various	93%	Various	Common End User Computer Equipment (CEUCE) to procure various C4I, Program 99% Committed.

CONGRESSIONAL ADDS FOR RESERVE COMPONENTS

FY 2002

Item	Funding	Quantity	Obligation Rate	Delivered	Remarks
F/A 18A (ECP 583)(APN)	$12.0M	3	100%	0	Projected Install in FY04
UC-35D (APN)	$7.5M	1	100%	1	
AH-1W NTS (APN)	$3.5M	2	3%	0	Prototypes
AN/APR-39A Upgrade	$2.5M	2	100%	0	H-53 Series (APN)

CONGRESSIONAL ADDS FOR RESERVE COMPONENTS FY 2003

Item	Funding	Quantity	Obligation Rate	Delivered	Remarks
F/A-18 ECP 583	$8.75M	2	0%	0	
AH-1W NTS (APN)	$6.0M	6	0%	0	NTS: Night Targeting System

NGREA ADDS FOR RESERVE COMPONENT 2001

Total NGREA $5.00M* 93%

Item	Funding	Quantity	Obligation Rate	Delivered?	Remarks
CH-53E HNVS B KITS	$1.820M	3	100%	3	
GCP-2A LASER	$0.208M	124	100%	124	
RESERVE AUTOMATION SUPPORT SYSTEM (RASS)	$2.155M	Various	78%	Various	100% Committed
AN/FCC-100 MULTIPLEXER	$0.024M	1	100%	1	
QUADRUPLE CONTAINERS	$0.535M	237	100%	237	
SPECIAL APPLICATION SCOPE RIFLES	$0.216M	27	100%	27	

OSD Holdback $46,000

NGREA ADDS FOR RESERVE COMPONENT 2002

Total NGREA $5.00M* 98%

Item	Funding	Quantity	Obligation Rate	Delivered?	Remarks
CH-53E HNVS B KITS	$1.815M	3	100%	3	
KC-130T CNS/ATM	$0.250M	50	100%	50	
COMMERCIAL EMBARKATION BOXES	$0.833M	5721	87%	4970	100% Committed delivery 4th qtr FY03
QUADRUPLE CONTAINERS	$1.766M	775	100%	775	
RIGID HULL INFLATABLE BOAT (RHIB)	$0.265M	3	100%	3	

***OSD Holdback $35,000**
2nd OSD Holdback $35,000

NGREA ADDS FOR RESERVE COMPONENTS 2003

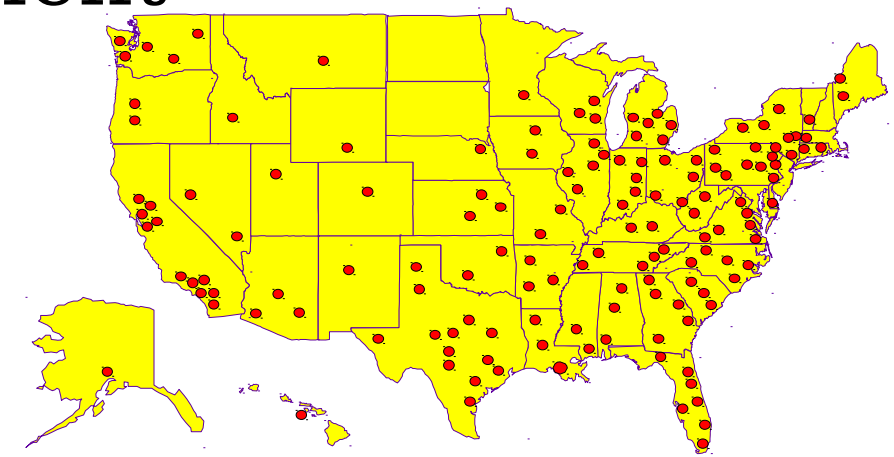
Total NGREA $10.00M* 20%

Item	Funding	Quantity	Obligation Rate	Delivered?	Remarks
QUADRUPLE CONTAINERS	$0.655M	297	0%		
COMMERCIAL EMBARKATION BOXES	$0.500M	5000	0%		
EMBARKATION PALCON	$0.578M	1000	0%		
INTERIM LIGHTING PACKAGE	$0.862M	6	0%		
KC-130 T COCKPIT ARMOR/LOX BOTTLE ARMOR PLATING	$0.740M	12	0%		
KC-130 T OIL COOLER AUGMENTATION/AIRCRAFT RETROFIT	$2.00M	42	93.50%	39	
RESERVE AUTOMATED SUPPORT SYSTEMS (RASS)	$0.900M	Various	0%		
AN/PRC-148 HANDHELD RADIO	$0.814M	135	0%		
AN/PRC-150 © HIGH FREQUENCY MANPOWER RADIO	$0.400M	20	0%		
VIASAT VDC-400/500 MODEMS	$0.168M	31	100%	31	
ALTERNATE POWER EQUIPMENT	$1.018M	Various	0%		
TACLANE KG-175 ALTERNATE POWER EQUIPMENT	$0.242M	22	0%		

*OSD Holdback $56,000
Navy Comptroller Holdback (KC-130T Armor) $1,000,000
OSD Midyear Holdback (Quad Cons) $66,240
NGREA Adjusted Total $8,877,760

SHORT AND LONG TERM RC MAINTENANCE INITIATIVES AND CHALLENGES

- Maintenance requirements of geographically dispersed sites.
  - 185 sites
  - Aging Equipment
  - 83% of T/E

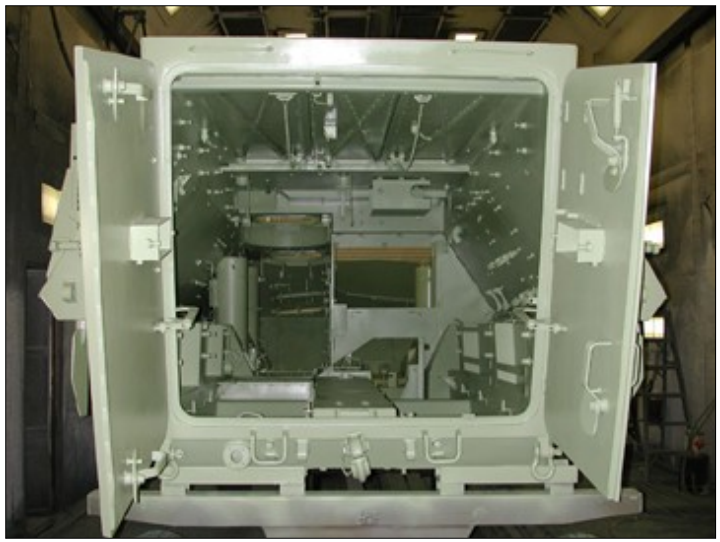


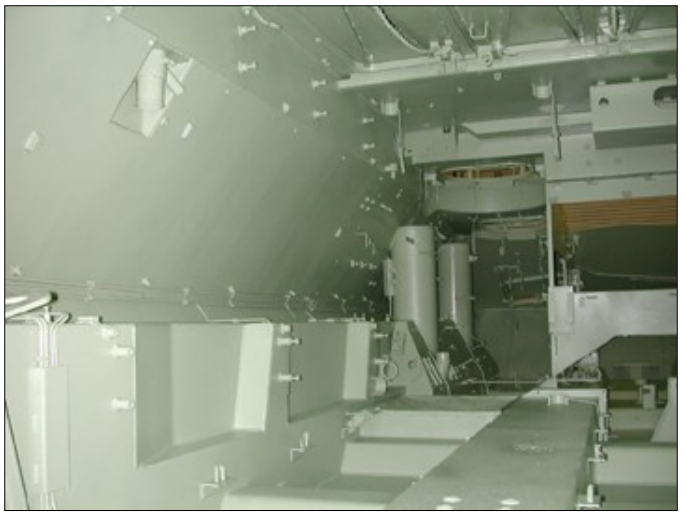
SHORT AND LONG TERM RC MAINTENANCE INITIATIVES

- Service Life Extension Program (SLEP) of Engineer Equipment

SHORT AND LONG TERM RC MAINTENANCE INITIATIVES (continued)

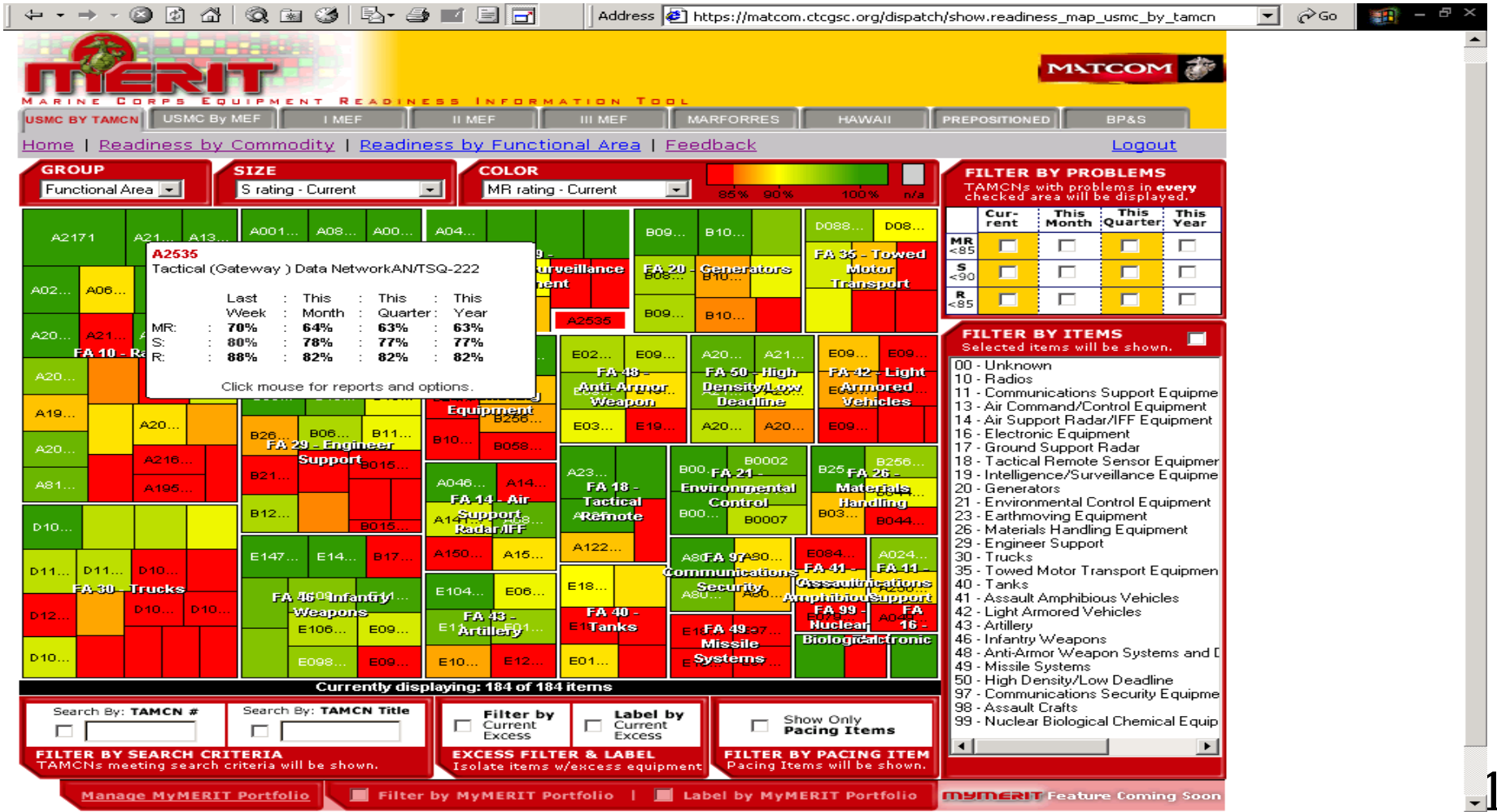
- Corrosion Control Program
  - $600K in FY02
  - $423K in FY03
  - Requirements for FY04-07: $4.0M





SHORT AND LONG TERM RC MAINTENANCE INITIATIVES (continued)

- Marine Corps Equipment Readiness Information T (MERIT) https://merit.logcom.usmc.mil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MARINE CORPS EQUIPMENT READINESS INFORMATION TOOL
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I MEF
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Home | Readiness by Commodity | Readiness by Functional Area | Feedback
Logout
GROUP
Functional Area
SIZE
S rating - Current
COLOR
MR rating - Current
85% 90% 100% n/a
A2535
Tactical (Gateway) Data NetworkAN/TSQ-222
Last Week : This Month : This Quarter : This Year
MR: 70% : 64% : 63% : 63%
S: 80% : 78% : 77% : 77%
R: 88% : 82% : 82% : 82%
Click mouse for reports and options.
FA 20 - Generators
FA 35 - Towed Motor Transport
FA 48 - Anti-Armor Weapon
FA 50 - High Density/Low Deadline
FA 42 - Light Armored Vehicles
FA 29 - Engineer Support
FA 14 - Air Support Radar/IFF
FA 18 - Tactical Remote
FA 21 - Environmental Control
FA 26 - Materials Handling
FA 30 - Trucks
FA 46 - Infantry Weapons
FA 43 - Artillery
FA 40 - Tanks
FA 97 - Communications Security
FA 41 - Assault Amphibious Vehicles
FA 49 - Missile Systems
FA 99 - Nuclear Biological
FA 16 -
FILTER BY PROBLEMS
TAMCNs with problems in every checked area will be displayed.
Cur-rent
This Month
This Quarter
This Year
MR <85
S <90
R <85
FILTER BY ITEMS
Selected items will be shown.
00 - Unknown
10 - Radios
11 - Communications Support Equipme
13 - Air Command/Control Equipment
14 - Air Support Radar/IFF Equipment
16 - Electronic Equipment
17 - Ground Support Radar
18 - Tactical Remote Sensor Equipmer
19 - Intelligence/Surveillance Equipme
20 - Generators
21 - Environmental Control Equipment
23 - Earthmoving Equipment
26 - Materials Handling Equipment
29 - Engineer Support
30 - Trucks
35 - Towed Motor Transport Equipmen
40 - Tanks
41 - Assault Amphibious Vehicles
42 - Light Armored Vehicles
43 - Artillery
46 - Infantry Weapons
48 - Anti-Armor Weapon Systems and L
49 - Missile Systems
50 - High Density/Low Deadline
97 - Communications Security Equipme
98 - Assault Crafts
99 - Nuclear Biological Chemical Equip
Currently displaying: 184 of 184 items
Search By: TAMCN #
Search By: TAMCN Title
FILTER BY SEARCH CRITERIA
TAMCNs meeting search criteria will be shown.
Filter by Current Excess
Label by Current Excess
EXCESS FILTER & LABEL
Isolate items w/excess equipment
Show Only Pacing Items
FILTER BY PACING ITEM
Pacing Items will be shown.
Manage MyMERIT Portfolio
Filter by MyMERIT Portfolio
Label by MyMERIT Portfolio
myMERIT Feature Coming Soon

EQUIPMENT WITHDRAWN FROM RC

- USMC – The Reserve component currently has no permanent equipment transferred or withdrawn.

SUMMARY

- Readiness is Top Priority
- Modernization Priorities
  - F/A-18A ECP-583
  - CH-53E HNVS Kits
  - KC-130 T Avionics Modernization Program (AMP)
  - Family of Containers (Quad/Pal Containers)
  - KC-130T Electronic Flight Instruments (EFI)
- Continue to Modernize and Replace Legacy Equipment.

Backup Slides

MARINE FORCES RESERV

Lt.Gen. McCarthy

Marine Forces Reserve

Force-Level Units

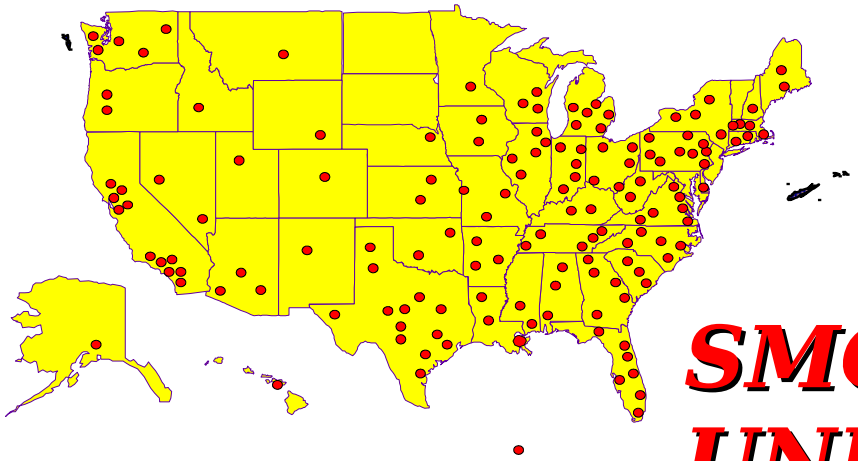
- 4TH MAW
- 4TH MARDIV
- 4TH FSSG
- MCRSC

MAW: Marine Aircraft Wing

MARDIV: Marine Division

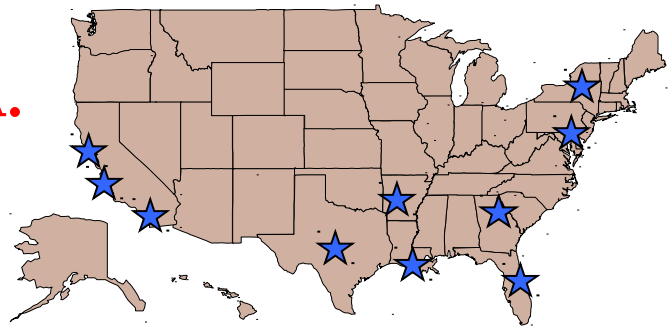
FSSG: Force Service Support Group

MCRSC: Marine Corps Reserve Support Command



SMCR UNITS

4th MARINE DIVISION



- 1 HqBn 4th MarDiv: New Orleans, LA.

- 3 Infantry Regiments:
  - 23rd Marines: San Bruno, CA.
  - 24th Marines: Kansas City, MO.
  - 25th Marines: Worcester, MA.

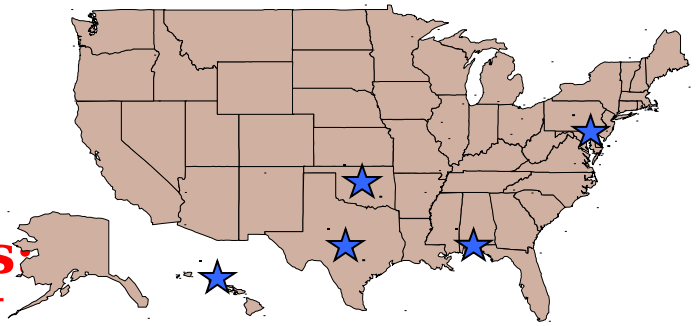
- 14th Artillery Regiment: Fort Worth, TX. (90) M198 Howitzer

- 2 Tank Battalions:
  - 4th Tank Bn: San Diego, CA. (23) M1A1 Tanks
  - 8th Tank Bn: Rochester, NY. (23) M1A1 Tanks

- 4th Assault Amphibious Battalion: Tampa, FL. (42) AAVP7A1

- 4th Light Armor Reconaissance Battalion: Camp Pendleton

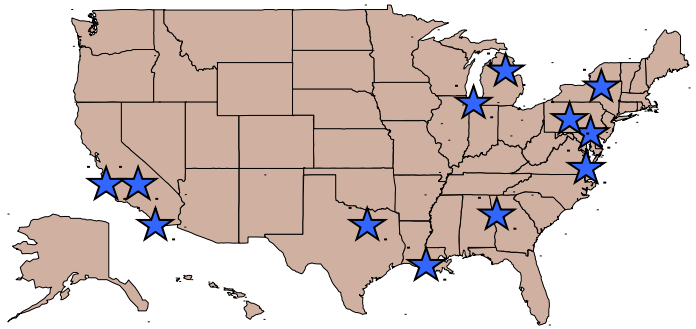
4th MARINE DIVISION



- 2 Force Reconnaissance Companies:
  - 3rd Force Recon Co: Mobile, AL
  - 4th Force Recon Co: Kaneohe Bay, HI
- 4th Reconnaissance Battalion: San Antonio, TX.
- 1 Anti-Tank TOW Training Company: Broken Arrow, OK.
- 4th Combat Engineer Battalion: Baltimore, MD. (76) HMMWV,
  (36) Line Charge Kit
  (123) Generator Set
  (29) Tractor

4th MARINE AIRCRAFT WING

- 4th MAW HQ: New Orleans, LA.
  MASD Belle Chase,LA. (2) UC-35 (1) C-12
  MASD Andrews AFB, MD. (2) UC-35 (2) C-12



- MAG-41: Fort Worth, TX. (12) F/A-18, (12) KC-130

- MAG-42: Marietta, GA. (12) F/A-18, (6) UH-1N, (12) AH-1W
  Belle Chase, LA. (3) UH-1N, (6) AH-1W
  Norfolk, VA. (12) CH-46

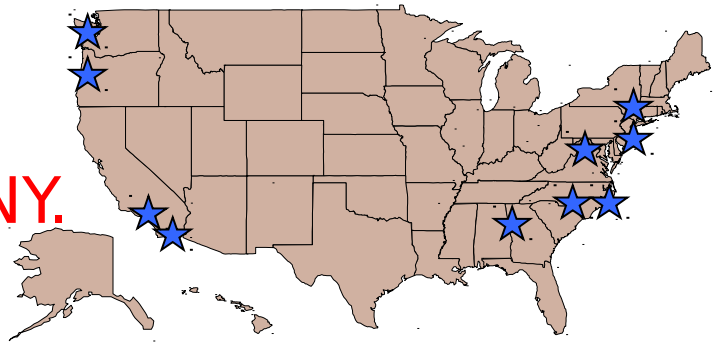
- MAG-46: Miramar, CA. (12) F/A-18,
  Yuma, AZ. (13) F-5E/F-5F
  Edwards AFB, CA. (12) CH-46, (8) CH-53
  Camp Pendleton, CA. (6)UH-1N, (12) AH-1W

- MAG-49: Willow Grove, PA. (8) CH-53
  Stewart ANGB, NY. (12) KC-130
  Andrews AFB, MD. (12) F/A-18
  Johnstown, PA. (3) UH-1N, (6) AH-1W

- MACG-48: Great Lakes, IL., Cheyenne,WY.,Aurora, CO., Westover, MA., Damneck,VA., Atlanta,GA.
  Miramar,CA., Fort Worth, TX., Pasadena, CA.

- MWSG-47: Selfridge, MI., Minneapolis, MN., Johnstown, PA., Westover, MA., Wyoming,PA.,
  Miramar,CA., Forth Worth,TX., Willow Grove, PA., Fresno, CA.,
  (2) F/W MWSS, (1) R/W MWSS

4th FORCE SERVICE SUPPORT GROUP



- Communications Bn: Brooklyn, NY.
- Maintenance Bn: Charlotte, NC.
- Medical Bn: San Diego, CA.
- Dental Bn: Marietta, GA.
- Supply Bn: Newport News, VA.
- HQSvc Bn: Marietta, GA.
- Engineer Support Bn: Portland, OR.
- Motor Transport Bn: Red Bank, NJ.
- Landing Support Bn: Fort Lewis, WA.
- 4th Civil Affairs Group: Anacostia, MD.
- FWD Cmd Elements: CPEN, CLNC

RESERVE EQUIPMENT

AAV

M198

5-TON

HMMWVA1

LAV

MODERNIZATION

Slide 30

RESERVE EQUIPMENT

F/A-18

KC-1

CH-46E

UH-1N

AH-1W

MODERNIZATION

JSF

MV-22

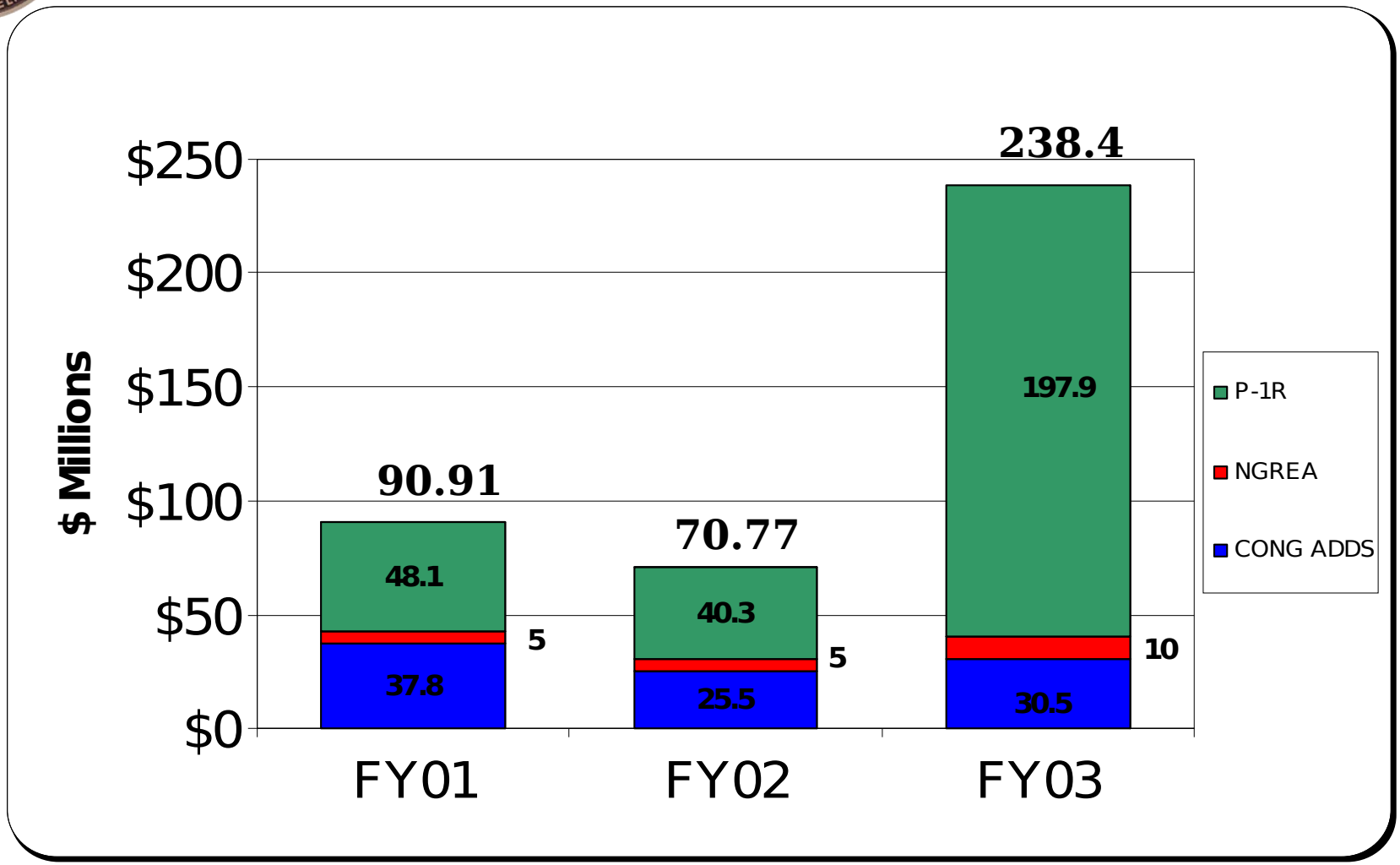
AH-1Z

C/FOC

2006/2011
(AMP)

05/2009

EQUIPMENT AND PROCUREMENT FUNDING FOR THE MARINE CORPS RESERVE

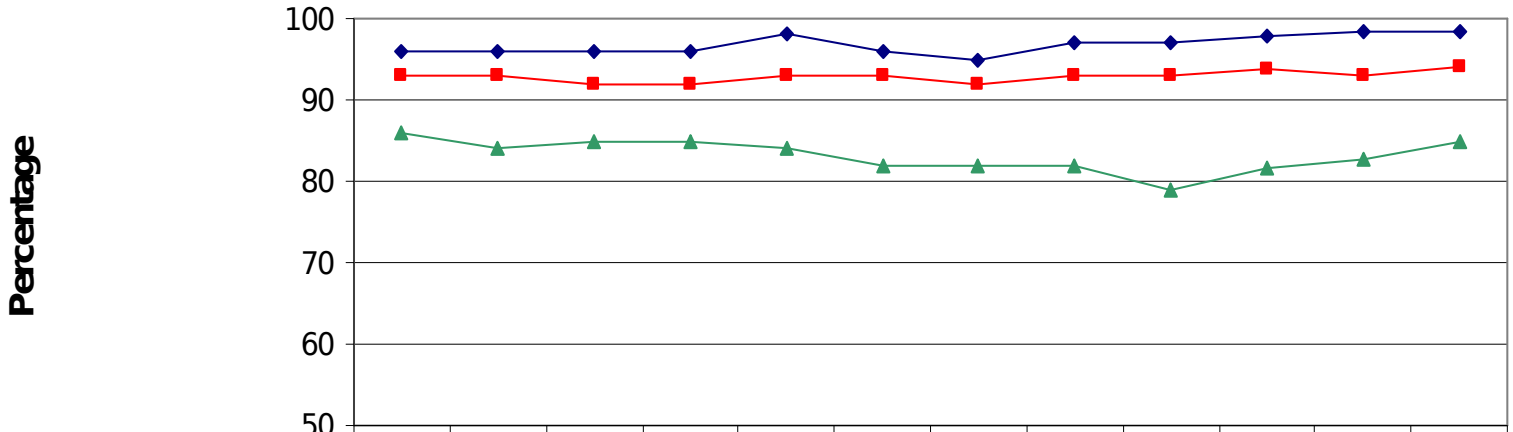


SHORT AND LONG TERM RC MAINTENANCE CHALLENGES EQUIPMENT READINESS

- Ground Equipment Readiness (T/A + In-Stores)
- MFR Ground Equipment Readiness (Qty of DL)
- MFR Functional Area Readiness (S & R Rates)
- Functional Area Readiness In-Stores (O/H vs R Rates)
- RC Average Age Of Equipment
- 4th Maw Mission Capable Rates (2nd Qtr FY03)
- 4th Maw NMCM/NMCS Rates (2nd Qtr FY03)
- 4th Maw Cannibalization Rates (2nd Qtr FY03)

SHORT AND LONG TERM RC MAINTENANCE CHALLENGE
GROUND EQUIPMENT READINESS

Total Equipment Requirement
(T/A + In-Stores)

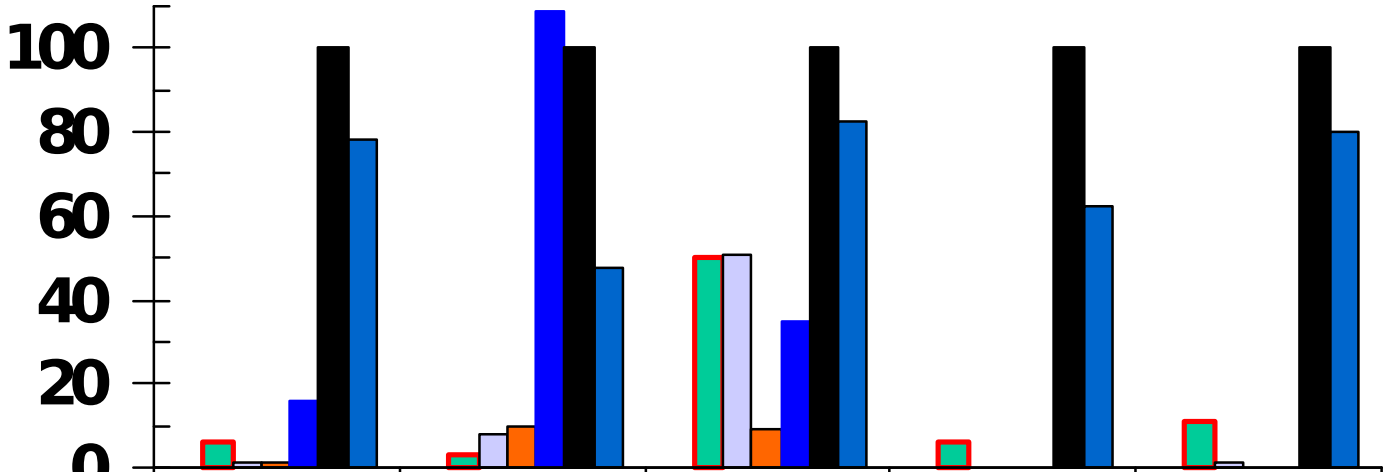


	3rd Qtr 00	4th Qtr 00	1st Qtr 01	2nd Qtr 01	3rd Qtr 01	4th Qtr 01	1st Qtr 02	2nd Qtr 02	3rd Qtr 02	4th Qtr 02	1st Qtr 03	2nd Qtr 03
RC "S" Rating %	96	96	96	96	98	96	95	97	97	98	98	98
AC "R" Rating %	93	93	92	92	93	93	92	93	93	94	93	94
RC "R" Rating %	86	84	85	85	84	82	82	82	79	82	83	85

SHORT AND LONG TERM RC MAINTENANCE CHALLENGES

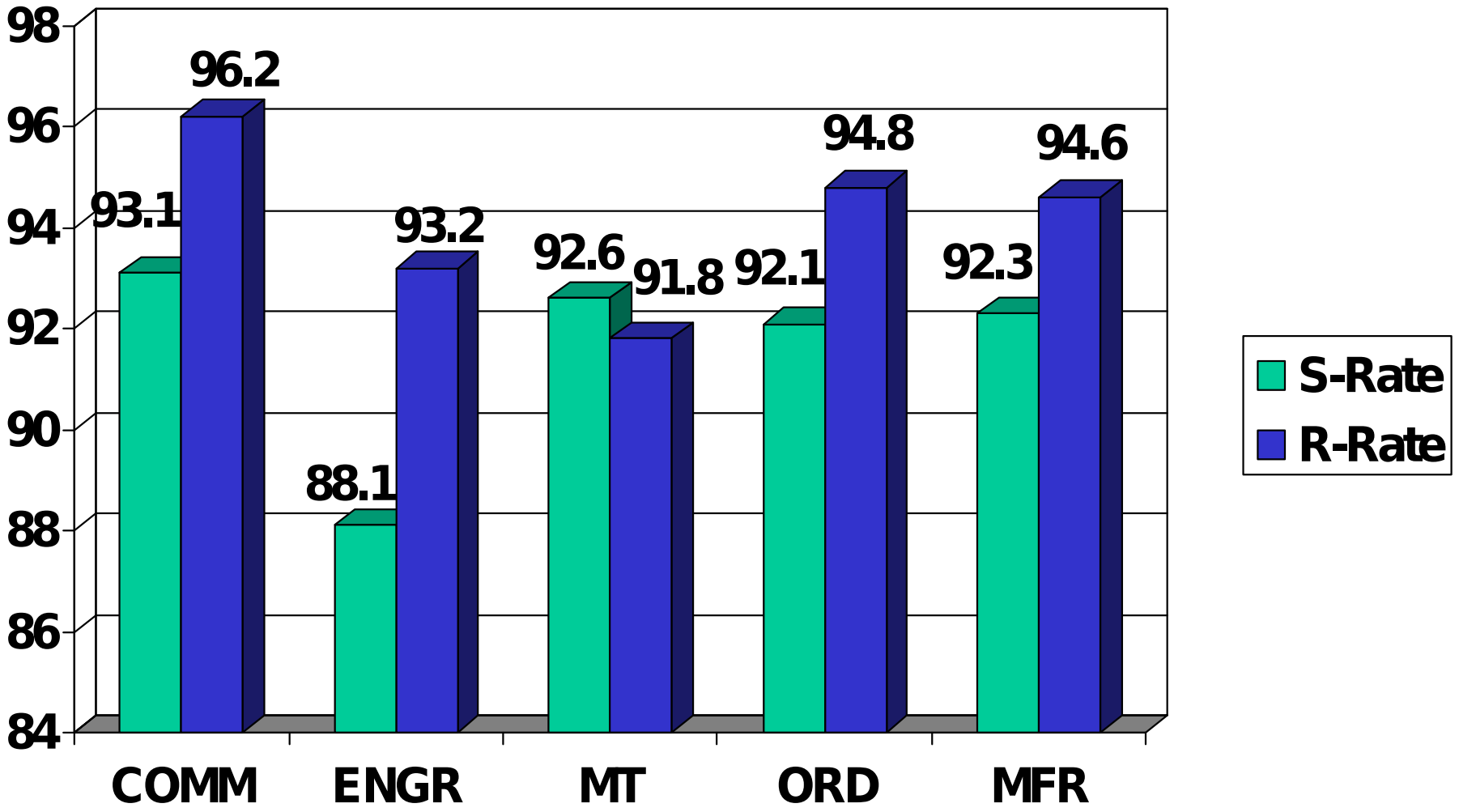
MARFORRES GROUND EQUIPMENT READINESS

QUANTITY OF DEADLINES



	RAD SET, VEH	DIESEL GENERATOR	5T TRK CARGO	LAV: AIR DEF	LAV: LT ASSLT, 25MM
TOTAL D/L	24	130	145	6	12
NMCS	6	3	50	6	11
NMCM	1	8	51	0	1
TRANS	1	10	9	0	0
STORES NRFI	16	109	35	0	0
S RATE	100	100	100	100	100
R RATE	78	47.7	82.7	62.5	80

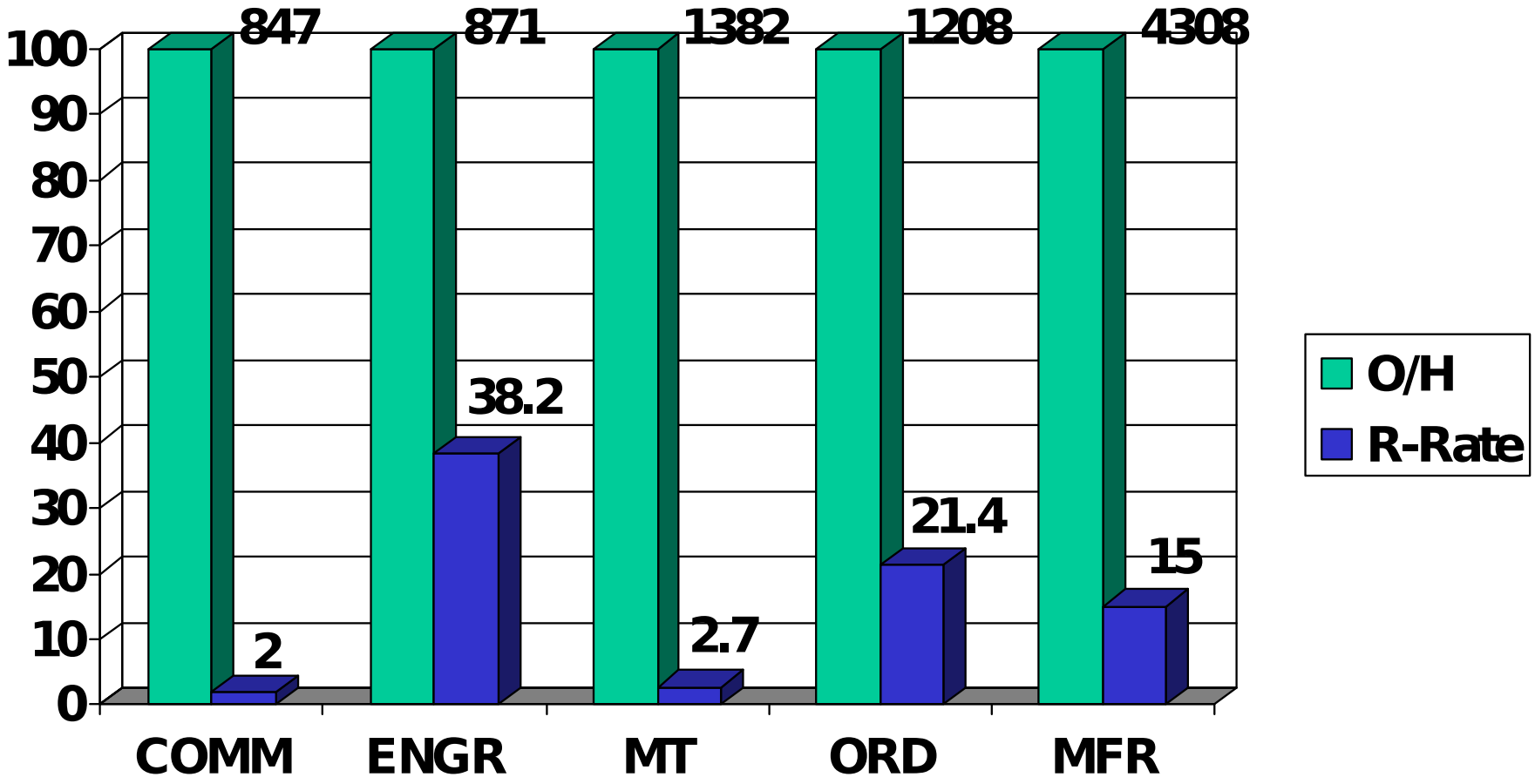
SHORT AND LONG TERM RC MAINTENANCE CHALLENGES MFR Functional Area Readiness



SHORT AND LONG TERM RC MAINTENANCE CHALLENGES

MFR Functional Area Readiness In-Stores

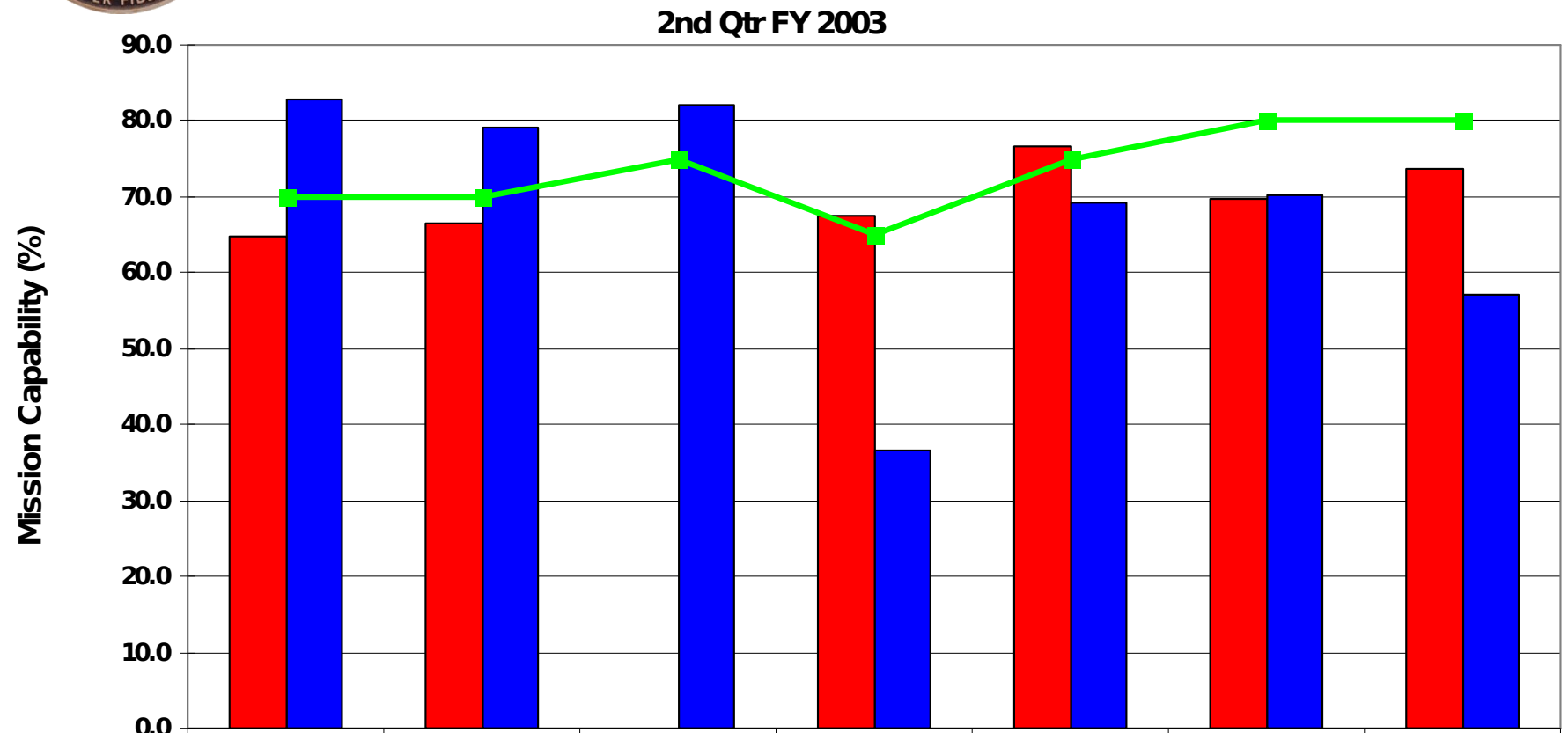
(continued)



CHALLENGES
MFR AVERAGE AGE OF RESERVE EQUIPMENT *(continued)*

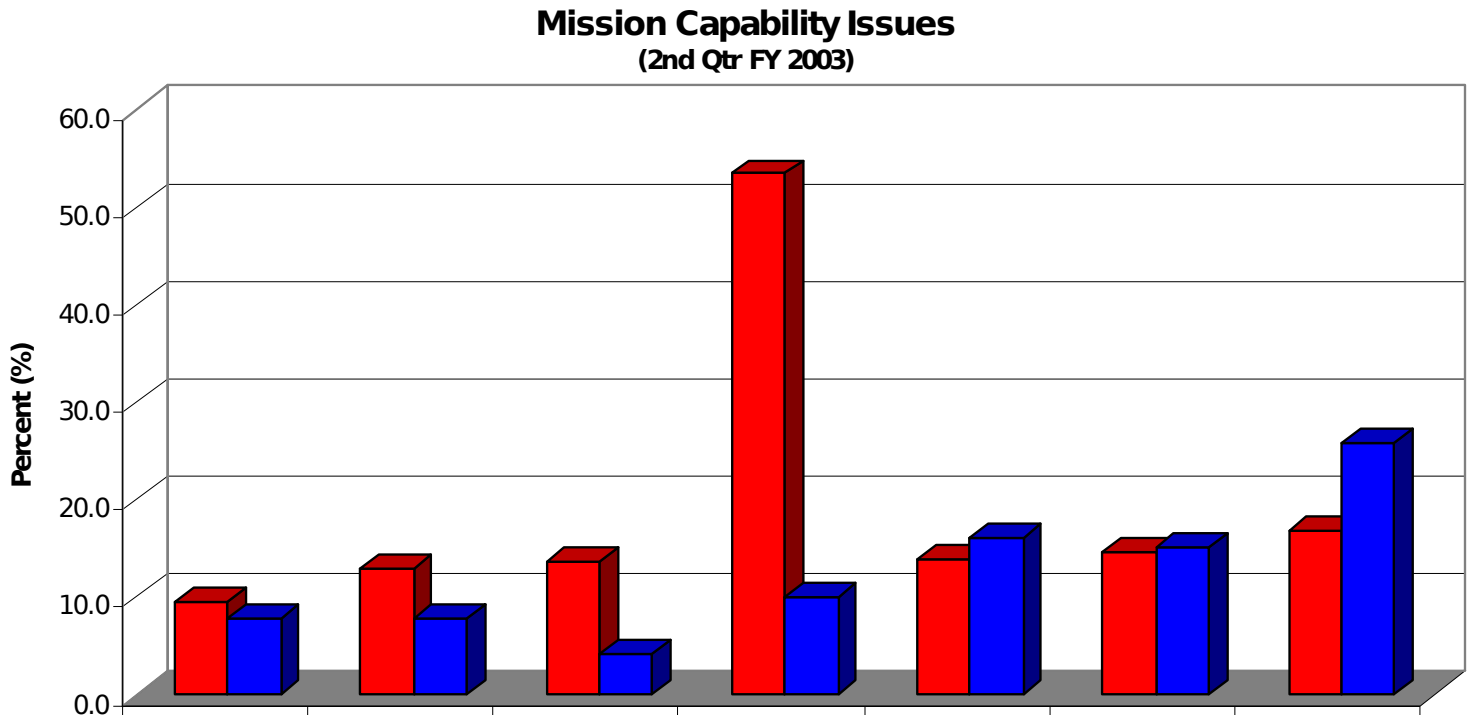
ITEM	Economic Useful Life	AVG AGE
AAV RAM R/S	46	30
M198	20	20
5-TON	20	21
HMMWVA1	14	17
LVS	20	17
LAV	20 (30 w/SLEP)	17
ROWPU	15	19
F/A-18	20	18
KC-130T	20	16
CH-53E	20	14
CH-46E	30	35
UH-1N	20	31
AH-1W	20	9

SHORT AND LONG TERM RC MAINTENANCE CHALLENGES
4th MAW MISSION CAPABLE RATES



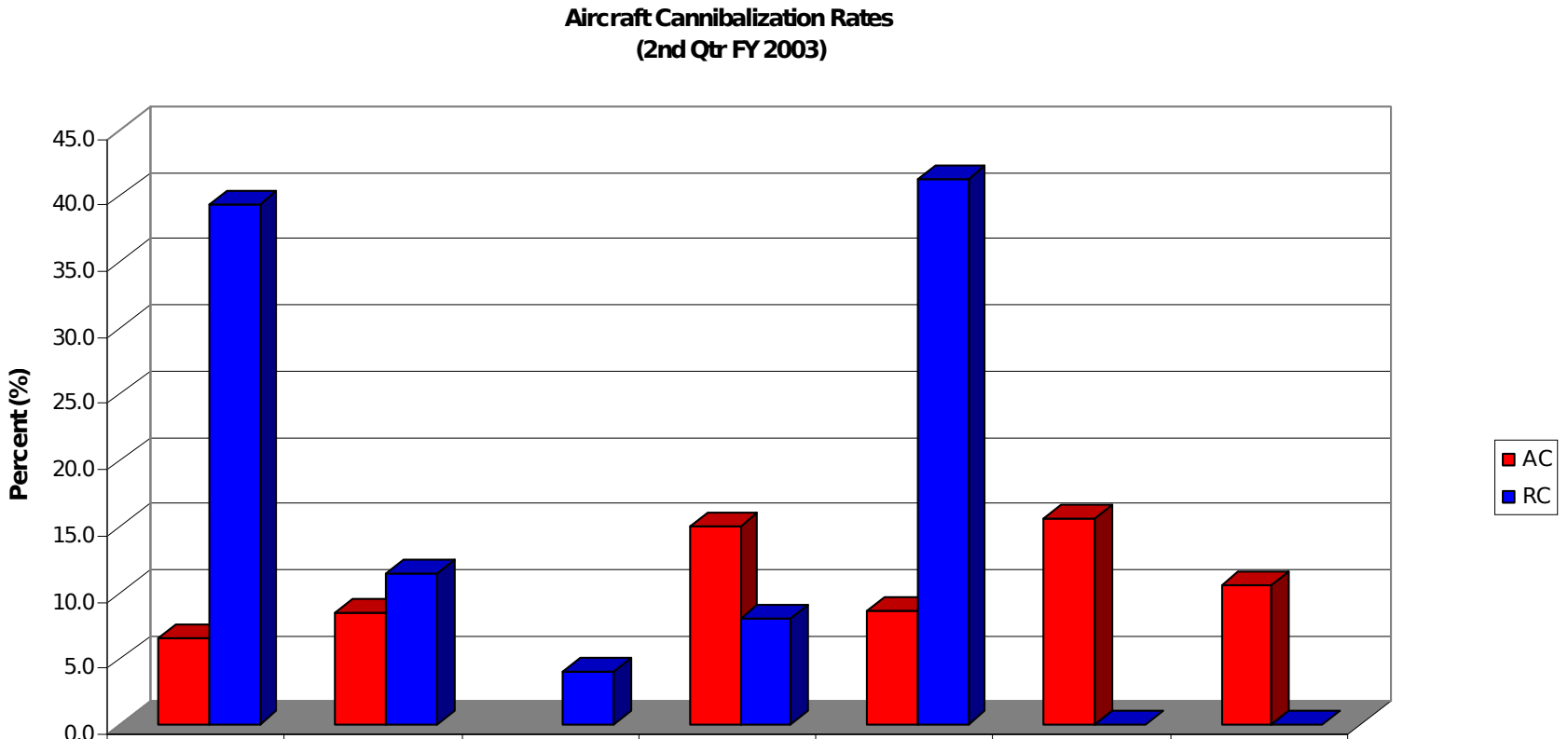
	F/A-18A	KC 130T	F-5E	CH-53E	CH-46E	AH-1W	UH-1N
AC	64.9	66.4		67.6	76.6	69.7	73.7
RC	82.7	79.1	82.1	36.6	69.2	70.2	57.2
MC Goal	70	70	75	65	75	80	80

SHORT AND LONG TERM RC MAINTENANCE CHALLENGES 4th MAW NMCM/NMCS RATES



	F/A-18A	KC-130T	F-5E	CH-53E	CH-46E	AH-1W	UH-1N
NMCM	9.5	13.0	13.7	53.5	14.0	14.7	16.9
NMCS	7.8	7.9	4.2	10.0	16.1	15.2	25.8

SHORT AND LONG TERM RC MAINTENANCE CHALLENGES 4th MAW CANNIBALIZATION RATES



	F/A-18A	KC 130T	F-5E	CH-53E	CH-46E	AH-1W	UH-1N
AC	6.6	8.5		15.0	8.6	15.6	10.6
RC	39.3	11.4	4.0	8.0	41.3	0.0	0.0